

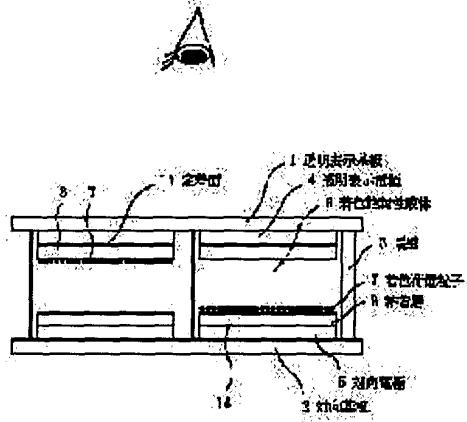
PATENT ABSTRACTS OF JAPAN(11)Publication number : **2000-259102**(43)Date of publication of application : **22.09.2000**(51)Int.Cl. **G09F 9/37**(21)Application number : **11-301179** (71)Applicant : **CANON INC**(22)Date of filing : **22.10.1999** (72)Inventor : **KISHI ETSURO
TOMITA YOSHINORI**

(30)Priority

Priority number : **11003187** Priority date : **08.01.1999** Priority country : **JP****(54) ELECTROPHORETIC DISPLAY DEVICE****(57)Abstract:**

PROBLEM TO BE SOLVED: To obtain an electrophoretic display device which embodies a memory characteristic stable for a long period of time without depending upon an electrode holding charge and without requiring switching control of an open state.

SOLUTION: Colored charge particles 7 dispersed in a colored insulative liquid 6 and an insulative coloring liquid 6 are held within the closed spaces enclosed by a transparent display substrate 1, a counter substrate 2 and partition walls 3. Transparent electrodes 4 are arranged on the transparent display substrate 1 in the respective closed spaces and counter electrodes 5 on the counter substrate 2. The transparent electrodes 4 and the counter electrodes 5 have fixing surfaces 14 at which the colored charge particle 7 gather. Tacky adhesive layers 8 which allow the repetitive adsorption and peel of the colored charge particles are arranged on the surfaces of these fixing surfaces 14, by which the electrophoretic display device is constituted.

**LEGAL STATUS**

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